

Date: Tue, 5 Jul 94 04:30:20 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #216
To: Ham-Equip

Ham-Equip Digest Tue, 5 Jul 94 Volume 94 : Issue 216

Today's Topics:

440 MHz Duplexers
car/car: 49mhz WT okay?
Comments Needed-ICOM 725 HF, Ant.
FT470 cross band rpt???
IC-2700 Info and Experiences needed
Installing Knwd TM-241A in Saturn SC2 (2 msgs)
Misc items for sale + freebeies
OPINIONS WANTED-ICOM 725 HF, Ant. (2 msgs)
R390A/R388
SG2000 transceiver ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 4 Jul 1994 19:11:30 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
milcom@network.ucsd.edu
Subject: 440 MHz Duplexers
To: ham-equip@ucsd.edu

Jeffrey Komori (jeffk@sysop.corp.sgi.com) wrote:
: I'm looking for the address and phone number to CELWAVE
: manufacturers of commercial repeater duplexer and antennas.
: Any leads will be appreciated.
Celwave, Route 79, Marlboro, NJ 07746
(908)462-1880 (800)321-4700

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POP: Persistent Online Procrastination

milcom@netcom.com

Date: Fri, 1 Jul 94 19:11:00 -0800

From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!news.claremont.edu!kaiwan.com!ledge!

darryl.linkow@network.ucsd.edu

Subject: car/car: 49mhz WT okay?

To: ham-equip@ucsd.edu

VA>Are the better 49mhz walkie talkies suitable for car to car

VA>communications when one car follows another?

VA>Seven friends and myself are touring Costa Rica this summer in two rented

VA>Isusu Trooper 4WDs. We were looking for an inexpensive car/car

VA>communication system that we could carry batteries for (rechargable is out).

VA>If anyone wants to sell anything, Im all ears. Thanks in advance.

I have a couple of Maxon units that work great for that purpose.

Range is up to 1/2 mile. They are small units with headsets.

Can be used with PTT switch or VOX and run on a 9 volt battery in

the 49mhz band. They are in excellent condition. You can have

the both of them for \$110.00, which includes shipping. If you want them, leave me email here and send check or money order to me:

Darryl Linkow

4958 Marmol Drive

Woodland Hills, CA 91364

Internet: darryl.linkow@ledge.com

≥ OLX 2.2 ≥ Darryl Linkow (818)346-5278 9 am - 5 pm PDT

Date: 4 Jul 1994 19:14:54 -0700

From: nntp.crl.com!crl2.crl.com!not-for-mail@decwrl.dec.com

Subject: Comments Needed-ICOM 725 HF, Ant.

To: ham-equip@ucsd.edu

I would like your opinions, comments, on the ICOM-725 HF transceiver which I'm considering purchasing new for \$679.95 and an Astro 20 amp. power supply (\$90) and MFJ 300W tuner with crossed needle meter (\$131), all from Ham Radio Outlet. Are there any problems with the 725? How's the rx and tx performance? What about the power supply and ant. tuner: are there

any problems or better choices?

Also, what all band, 160m(?), 80m-10m vertical antenna, would you recommend? What's a typical price? Which company has the lowest ant. price?

Thanks for your help.

Jim, K6BUH

Date: 5 Jul 1994 10:22:41 +1000
From: ihnp4.ucsd.edu!agate!msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!
metro!news.ci.com.au!eram.esi.com.au!not-for-mail@network.ucsd.edu
Subject: FT470 cross band rpt???
To: ham-equip@ucsd.edu

In article <1994Jul3.115353.95@drager.com>,
landisj@drager.com (Joe Landis - System & Network Mgr) writes:

| Anybody know how to get a Yaesu FT470 to do cross band repeat? I've heard u
| can do it, but it's not in the manual. Just thought I'd like to try it.

Switch on while holding the RPT button. Note that it also drops both
bands into low power, which is a bit of a bummer.

--
Dave Horsfall (VK2KFU) VK2KFU @ VK2AAB.NSW.AUS.OC PGP 2.6
dave@esi.COM.AU ...munari!esi.COM.AU!dave available

Date: 5 Jul 1994 07:28:29 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!jussieu.fr!univ-lyon1.fr!
ghost.dsi.unimi.it!icil64.cilea.it!LABENBOR@network.ucsd.edu
Subject: IC-2700 Info and Experiences needed
To: ham-equip@ucsd.edu

Does anybody out there know anything about IC-2700 mobile rig?
I'm going to change my "old" IC-2410 and to buy a new 2700. I'm looking for
someone that can tell me something about it (IC-2700). Thanks.

Alberto, IW2GZM (Italy)

Date: 4 Jul 1994 15:32:13 GMT

From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!usenet.ins.cwru.edu!hal!
rab@network.ucsd.edu
Subject: Installing Knwd TM-241A in Saturn SC2
To: ham-equip@ucsd.edu

I'll soon be installing my Kenwood TM-241A 2m rig
in my new Saturn SC2. Would appreciate any tips
on rig placement from others who've gone through
this before me. E-mail please.

Thanks and 73,
Roger AA8DV
rab@hal.cwru.edu

--

Roger Bielefeld Dept of Epidemiology and Biostatistics
Assistant Professor Case Western Reserve University
rab@hal.cwru.edu Cleveland, Ohio USA

Date: 4 Jul 1994 13:31:10 -0700
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!
news.world.net!news.teleport.com!news.teleport.com!not-for-mail@network.ucsd.edu
Subject: Installing Knwd TM-241A in Saturn SC2
To: ham-equip@ucsd.edu

Roger A. Bielefeld (rab@hal.cwru.edu) wrote:
: I'll soon be installing my Kenwood TM-241A 2m rig
: in my new Saturn SC2. Would appreciate any tips
: on rig placement from others who've gone through
: this before me. E-mail please.

: Thanks and 73,
: Roger AA8DV
: rab@hal.cwru.edu

: --

: Roger Bielefeld Dept of Epidemiology and Biostatistics
: Assistant Professor Case Western Reserve University
: rab@hal.cwru.edu Cleveland, Ohio USA

I remember reading something about installing ham equipment in Saturns
before. I will have to try to remember where I read that. As I
remember, installing radios in Saturns can be difficult -especially
through the firewall. You might want to call Saturn too, because as I
remember, Saturn did not recommend installing any ham gear in their cars
and they will void your warrenty if you do. I think it was in QST about

a year ago. I'll have to look back and see if I can't find it. Good luck -

Max

N7NWG

email: Tigger@teleport.com

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Date: Mon, 4 Jul 1994 16:10:46 -0400

From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!news.duke.edu!
godot.cc.duq.edu!toads.pgh.pa.us!news.sei.cmu.edu!bb3.andrew.cmu.edu!
andrew.cmu.edu!postman+@network.ucsd.edu

Subject: Misc items for sale + freebies

To: ham-equip@ucsd.edu

1. Bencher lowpass filter Model YA-1. No box or instruction (there isn't much to it you put your transmitter on one side and antenna on other side, that is). It is rated at 1.5KW continuous and 5kw peak. The unit is in very very excellent condition. Have been used for less than a month (I recall purchasing it in June and Using it until July of last year) \$25 + Shipping.
2. AEA MorseMatic morse machine. It is not the new superduper model but one of the first one. I purchased it from a hamfest for \$50. Haggled it down from \$75. I think it is worth the price. It is in very good condition. I have the manuals (they are kind of photocopies as AEA used to do the business). I really think it is very much worth \$50. \$50 + Shipping.
3. Archer 100 Watt Soldering Gun. I purchased it from Radio Shack and realized that it isn't enough for me and went and got a Weller. However it is not bad for light duty work. You can't beat it at the price of absolutely free. Free + Shipping + Cost of packing box(which can be from \$1 - \$3).
4. Yaesu MD-1C8 microphone. Mint condition. With box and instruction. Used for 4 months. It cost \$110 or so new. It is available if you need for \$55 + Shipping .
5. MFJ VHF 144-220 Mhz SWR/WATTMETER. I still have the instruction manual and the unit is in mint condition. It is available free for the asking + whatever shipping charges and incur.
6. Yaesu YH-2 Headset. Let you use VOX on your FT-530. Kind of sucks and it kept getting off my ears while I jogged. Your mileage may vary. However it is hard to argue with because it is available free for the asking + my shipping charges sending it to

you.

7. E-DC-5 DC to DC converter. I bought it so I can use my FT-530 using Cigarette Lighter in my car. 12V DC - 6V DC. It is free for the asking. However you pay the mailman fee because it is cheaper for me to throw it out otherwise :-).
8. Autek Research SWR meter. Very excellent condition. There is small black mark during shipping (from the newspaper or something) on the left side. It is being sold over \$100 by Autek. I have misplaced the manual but it is not really needed. You plug the powersupply and XMTR on IN Side and Antenna on Out side and you are done. The manual also can be obtained from Autek for \$5 or so. I found this meter order of magnitude accurate and useful then the dinky stuff come with your rigs. \$50 + Shipping.
9. MJF Delecux Versa Tuner II model MJF-949E. It is in ok shape with some paint chipping on upper right edge. Have hardly used it and have misplaced its manual. It is fairly straight forward to use but if you have not used antenna tuners before then you have to call MFJ to get a new manual or ask your buddy about it. It is a useful tool if you have real bad antenna situation. It is (was) selling for \$140 or so. \$55 + Shipping.
10. I have around 150 feet or so of 8X coaxial cable and around 100 or 150 feet of flexweave antenna cable (great for dipoles, etc). I don't know the exact length but above is the size I usually order. It is free for the asking + Shipping.
11. Austin Antenna Ltd's 500C dual band (2m/70cm) antenna in motorola mount. I have found it much better than Diamond antennas in flat country. Its radiation angle is very low. It is a half wave for 70cm and offset fed 1/4 for 2m. Free + Shipping.

TERMS:

For items with price. By COD or Check. If you feel that any item is not in the condition as I have described, just send me back and I will refund your money - shipping. The prices are kind of firm and I have priced them to sell quickly. At this time I won't like to receive mail saying something "Your Yasesu desk mic for \$15 INCLUDING shipping and COD charges". Right. Don't laugh as I have received offer like that for my previous post of FT-530. If I could not sell some item, I will repost it with lower price but at this time I will not entertain any bargaining.

For free items I will send you the item and ask you to send me the

shipping charges. If it is in the padded envelope, it will be whatever postage stamps price + .75 for the envelope (envelopes go from \$.25 to \$1.00 so I kind of make it \$.75 because probably I will be using that size most). If the item is in box, you pay for the box. Also, for free items I will wait for few days if more than one request comes in. Someone pointed out that in my previous post, the people at the west coast were late.

Also for the free items, there is a limit of one item per person. I debated this for a while and I think it is kind of fair deal. These are not meant to set up someone's station but to provide some missing item in their shack.

Also for my previous posts, I replied every person who responded to me. In this case there are quite a few items so don't be offended if I can't reply you individually or am a bit late replying anyone.

Happy hamming and I am sure to see you folks on the air again someday in the future.

Tanvir Ahmed
WN1P/3.

Date: 4 Jul 1994 16:15:26 -0700
From: nntp.crl.com!crl.crl.com!not-for-mail@decwrl.dec.com
Subject: OPINIONS WANTED-ICOM 725 HF, Ant.
To: ham-equip@ucsd.edu

I would like your opinions, comments, on the ICOM-725 HF transceiver which I'm considering purchasing new for \$679.95 and an Astro 20 amp. power supply (\$90) and MFJ 300W tuner with crossed needle meter (\$131), all from Ham Radio Outlet. Are there any problems with the 725? How's the rx and tx performance? What about the power supply and ant. tuner: are there any problems or better choices?

Also, what all band, 160m(?), 80m-10m vertical antenna, would you recommend? What's a typical price? Which company has the lowest ant. price?

Thanks for your help.

Jim, K6BUH

Date: 4 Jul 1994 16:49:54 -0700

From: nntp.crl.com!crl.crl.com!not-for-mail@decwrl.dec.com
Subject: OPINIONS WANTED-ICOM 725 HF, Ant.
To: ham-equip@ucsd.edu

I would like your opinions, comments, on the ICOM-725 HF transceiver which I'm considering purchasing new for \$679.95 and an Astro 20 amp. power supply (\$90) and MFJ 300W tuner with crossed needle meter (\$131), all from Ham Radio Outlet. Are there any problems with the 725? How's the rx and tx performance? What about the power supply and ant. tuner: are there any problems or better choices?

Also, what all band, 160m(?), 80m-10m vertical antenna, would you recommend? What's a typical price? Which company has the lowest ant. price?

Thanks for your help.

Jim, K6BUH

Date: 5 Jul 94 08:08:49 GMT
From: news.delphi.com!BIX.com!jdow@uunet.uu.net
Subject: R390A/R388
To: ham-equip@ucsd.edu

jms@col.hp.com (Mike Stansberry) writes:

>Menachem Galatz DC (mgalatz@panix.com) wrote:

>: Can anyone compare the pros and cons of the R390A versus the R388?

<elided material>

>R-390A:

>Covers .5 MHz to 30.5 MHz in 30 1 MHz bands.

Covers 0.5MHz to 32MHz in 30 bands of 1MHz each with a dial accuracy on good receivers of 100Hz. (Mine is 300Hz worst case. And it is that bad only because I quit tweaking on it.)

>Has a mechanical digital reading dial.

Correct.

>Uses mechanical filters for selectivity as well as a selectable

Correct.

sorta.....:

.1KHz and 1KHz bandwidths use the 2KHz mechanical filter and a single crystal as a narrow band filter together.

The mechanical filters are 2KHz, 4KHz, 8KHz, and 16KHz.

>audio filter that goes to 100 Hz.

Two positions: wide band and 100Hz.

>Has an IF frequency of 455 KHz.

Last IF is 445KHz. Second to last IF is variable tuned 3.5Mhz to 2.5MHz, in that order. For the lower frequencies the 1st IF is 17.5MHz to 25MHz.

>Has provisions for oven heating of the LMO and mixer crystals.

Use it. Things are MUCH more stable that way.

>Neither has an audio derived AGC or product detector for better

>SSB reception. There was a lot of information printed years ago about

>adding those circuits as well as other enhancements one could do, but

>I seem to have mis-placed the articles.

Home brew it. That is what I did. I added a 7360 product detector and hang AGC and a synchronous AM and FM demodulator. I also tweaked it with another mixer so that I could cover an effective (sorta) 10KHz to 500KHz range, not that I have found much of a use for it other than copying Russian trawlers in the 450-500KHz range.

(I also added a pair of external audio filters with 8KHz bandwidth (plus 10KHz notch) and 3.5KHz with 5KHz notch respectively. They work wonders for weak signal work.)

(BTW - both the line and the local audio outputs are 600 ohm source impedances. Either use phones, true 600 ohm speakers, or add a matching transformer to your normal speaker. They made this 600 ohms output impedance with a clever use of positive and negative feedbacks on the audio amplifier.)

>I'm sure there are some other differences, but that's all that

>comes to mind right now.

>Both are excellent radios, though a bit bulky and heavy by today's

>standards. Since they are tube type radios, they also use a fair

>amount of power and generate some heat. I have an R-388 and 2

>R-390A's, although I only have one of the R-390A's working so far.

>The other one is left for this next winter's project!

>Mike, K0TER

The R-390A I have is a VERY good receiver. The only thing I would add to it at this date is a quality noise blanker. It is remarkably sensitive and for a vacuum tube set remarkably insensitive to intermodulation in actual use. I like mine enough I just spent several days reworking some of my ancient mods and renovating it to proper service. (It was a PAIN to get the VFO working. It had started sticking very badly. I had to open it all the way up and use a quality oil veru judiciously to get it back running properly free. Then the endpoint adjust slug screw lost its head. So I had to develop an external tweaker inductor to bring the endpoints into range. (The range was 4KHz too small. So it proved possible to tweak using external terminals. <phew!>) I like it.

R-388 is not worth a fraction of the cost of a good R-390A. An R-390 is a decent radio. But the difference between it and an R-390A is worth it. The

R-392 is a mobile stripped down version of the R-390 series. It is "OK".

All is IMHO of course.

{^_^} Joanne Dow, Editor Amiga Exchange, BIX
jdow@bix.com

Date: Tue, 5 Jul 1994 01:41:10 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!csn!jstuart@network.ucsd.edu
Subject: SG2000 transceiver ?
To: ham-equip@ucsd.edu

Does anyone have any opinions about the SG2000 transceiver made by SGV.
Any thoughts would be most welcome.

Thanks,

Jon <KB0MOI>

Date: Mon, 4 Jul 1994 13:57:03 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
fmitch@network.ucsd.edu
To: ham-equip@ucsd.edu

References <1994Jun27.234506.5789@pb2esac.com>, <Cs3tMw.2Ep@telemax.com>,
<2usor6\$8sl@pendragon.jsc.nasa.gov>;
Subject : Re: 94 Ford Explorer

mitch in mobile, alabama here again...

well, i was trucking down the interstate yesterday (7/3) on cruise
at about 70 mph, and a toyota camry was passing me, when, all of a
sudden !!!**BOOM**!!! ... the drivers side rear door window blew
out... scared the heck out of me... i first thought that someone
had shot at me... so i went about a mile down the road before i
stopped... no evidence that i was shot at (whew!)... but there
was very little glass inside the (now being called...) the exploder...
apparently the pressure differential caused by the car passing me
had caused the window to explode outward... i had the air
conditioner on low, but it was not a hot day, maybe around 80 f...

maybe the glass was defective or improperly stressed... has anyone
else heard of the glass in an explorer exploding???

thanks for any help...

mitch

--

* * * I collect telegraph equipment (mostly bugs - Vibroplex) * * *

Email: fmitchell@rd.qms.com or, second choice, fmitch@netcom.com
Felton "Mitch" Mitchell, WA4OSR, 11 Midtwon Park, E., Mobile, AL 36606 USA
205-342-7259 home, 205-476-4100 work, 205-476-0465 FAX
co-sysop for W4IAX bbs running fbb ... sysop for WA4OSR DXCluster in Mobile..

End of Ham-Equip Digest V94 #216
